August 23, 2019

HOBIT NEWS

Hyperbaric Oxygen Brain Injury Treatment Trial Newsletter

Reminders

+NETT/SIREN Steering Committee Call

August 28th at 12pm ET

+NETT/SIREN Study Coordinator Call

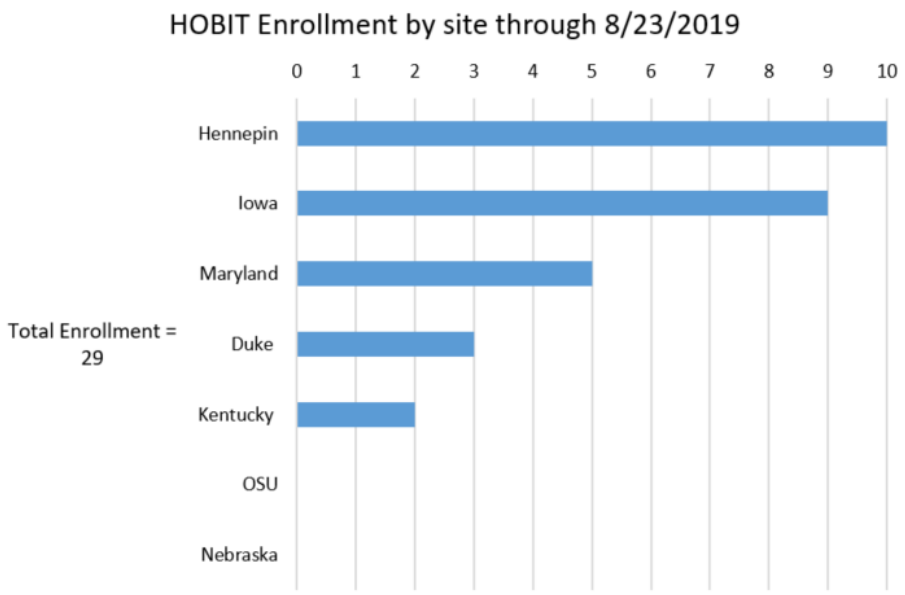
September 10th at 1pm ET

Hennepin — Participant Enrolled

Great job to Hennepin County Medical Center for recently enrolling!

UCSD — Readiness Call Scheduled

Nice work by UCSD for scheduling their readiness call!



HOBIT Updates

MOP Updated

Please see MOP updates outlined below:

3.10.2 Preparation of the Severe TBI Subject for HBO2

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Based on our past experience, no subject will undergo HBO2 therapy if the P/F ratio is ≤ 200. If the subject improves to the point that the P/F ratio is ≥ 220 within the first 5 days after randomization, treatments will be resumed. Subsequently, treatments may be continued if the P/F ratio is ≥200. However, if two consecutive HBO2 treatments are then canceled for P/F ratio below 200, all further treatments will be permanently terminated.

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There are many procedures requiring special attention prior to the placement of the subject in the HBO2 chamber. These procedures include ensuring that:

- For monoplace chambers: chest tubes are connected to a Heimlich valve and drained passively into a sterile receptacle such as a Foley drainage bag or a sterile glove;
- the air from the endotracheal tube cuff is completely evacuated and replaced with sufficient normal saline to achieve an appropriate seal with a minimum pressure;
- suction secretions above the cuff before deflating to prevent aspiration pneumonia, per HYCEP maneuver;
- endotracheal tube is secure and at the proper location;
- gastric tubes are attached to a sputum trap or drainage bag; and,
- subdural Jackson-Pratt drains are securely clamped as near to the insertion site as possible for the duration of treatment.

Resources Updated

⇒ The Sim Video Checklist has been updated and is attached to this newsletter. It will be available on the HOBIT website soon.

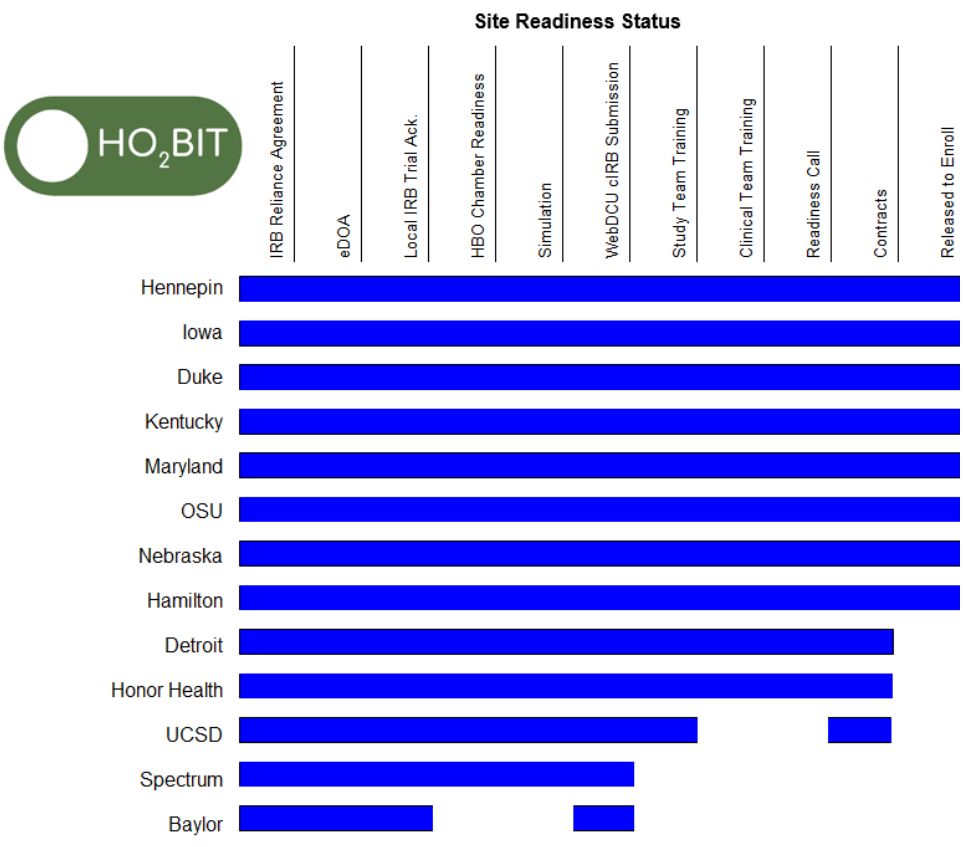
Changes on page 2 are outlined below:

For Monoplace or Multiplace chambers – **Subdural Jackson-Pratt (JP) drains** must be clamped as close as possible to the insertion site. All other JP and Hemovac drains should be handled per your Hyperbaric Department's policies and procedures.

Verify chest tubes with Heimlich valves and drain into a sterile bag/glove.
(ESPECIALLY FOR MONOPLACE)

⇒ The HBO Checklist has also been updated and is attached to this newsletter. It will be available on the HOBIT website soon.

Changes on page 3 are outlines below:

For Monoplace or Multiplace chambers **– Subdural Jackson-Pratt (JP) drains** must be clamped as close as possible to the insertion site. All other JP and Hemovac drains should be handled per your Hyperbaric Department's policies and procedures.

Verify chest tubes set up properly. For monoplace use Heimlich valve and drain into a sterile bag/glove.